

Description

This new microprocessor-based family of Thermohygro panel mounted controller is designed for a wide variety of environmental monitoring applications. The units features Two 5 amp mechanical relays and 4 to 20 mA, controlling PID output. For ease of operation all calibration and parameter setpoints are selectable through the front keypad.



ARH14



AHC96

SPECIFICATIONS

TYPE	ARH14	AHC96
POWER	220VAC @50Hz	90~260AVC
HUMIDITY RANGE	0~100% RH	0~100% RH
TEMPERATURE RANGE	0~100 'C	0~200 'C
DISPLAY	SEGMENT	LCD 16X4
DIGITAL OUTPUT		
HUMIDITY	5A RELAY	5A RELAY
TEMPERATURE	5A RELAY	5A RELAY
HUMIDITY ALARM	-NA-	5A RELAY
TEMPERATURE ALARM	-NA-	5A RELAY
ANALOG OUTPUT		
HUMIDITY	-NA-	4~20mA
TEMPERATURE	-NA-	4~20mA
COMMUNICATION OUTPUT		
RS485 MODBUS	-NA-	RS485
CONTROL		
RELAY CONTROL	PID & ON/OFF	PID & ON/OFF
ANALOG CONTROL	-NA-	PID
BODY		
	ABS /FLP	ABS /FLP
SIZE IN mm		
	72X72X100	96X96X85
CUTOUT IN mm		
	68X68	92X92
OPERATION TEMPERATURE	0 'C TO 70 'C	0 'C TO 70 'C
MAX.		
OPERATION HUMIDITY	0~75% RH	0~95% RH

ORDER CODE

TYPE						
ARH14 [SIZE 72X72X110mm]	A					
AHC96 [SIZE 96X96X85mm]	B					
TEMPERATURE INPUT						
TEMPERATURE INPUT IN OHMS		0				
TEMPERATURE INPUT IN 4~20mA		1				
HUMIDITY INPUT						
HUMIDITY INPUT IN VOLT 0.9 TO 3.9V			0			
HUMIDITY INPUT IN VOLT 0 TO 1 V			1			
HUMIDITY INPUT IN VOLT 0 TO 2 V			2			
HUMIDITY INPUT IN VOLT 0 TO 3 V			3			
HUMIDITY INPUT IN 4~20mA			4			
DIGITAL OUTPUT						
NON				0		
2NOS. 5A RELAY OUTPUT 1 FOR RH & 1 FOR TEMP.				1		
4NOS .5A RELAY OUTPUT [ONLY FOR AHC96 MODEL]				2		
1 RH CONTROL, 1 RH ALARM, 1 TEMP CONTROL, 1ALARM						
4NOS .5A RELAY OUTPUT [ONLY FOR AHC96 MODEL]				3		
1 RH CONTROL, 3 TEMP. CONTROL For Compressor						
ANALOGUE OUTPUT [ONLY FOR AHC96 MODEL]						
NON					X	
HUMIDITY ANALOG OUTPUT 4~20mA					A	
HUMIDITY & TEMPERATURE ANALOG OUTPUT 4~20mA					B	
RS485 MODBUS RTU [ONLY FOR AHC96 MODEL]					C	
BODY						
NON FLAME PROOF						0
FLAME PROOF						1